

## WEST Search History





DATE: Tuesday, April 25, 2006

| Hide?                    | <u>Set</u><br><u>Name</u>                       | <u>Query</u>   | <u>Hit</u><br><u>Count</u> |
|--------------------------|---|--|----------------------------|
|                          | <i>DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ</i>      |  |                            |
| <input type="checkbox"/> | L44   | l42 same (conductive or metal or Ti or TiN or titanium or (titanium nitride) or Cu or Al or aluminum or copper)  | 55                         |
| <input type="checkbox"/> | L43   | L42 and l40  | 3                          |
| <input type="checkbox"/> | L42   | (((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or spm) same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4' or (low K)) same (via or open\$4 or channel or trench or hole) | 138                        |
| <input type="checkbox"/> | L41   | L40 and l39  | 3                          |
| <input type="checkbox"/> | L40   | 134/2,3;438/906;216/95,99,100,108.ccls.  | 8047                       |
| <input type="checkbox"/> | L39   | (((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or spm) same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4' or (low K)) same (via or open\$4 or channel or trench)         | 122                        |
| <input type="checkbox"/> | L38   | L37 same (conductive or metal or Ti or TiN or titanium or (titanium nitride))  | 240                        |
| <input type="checkbox"/> | L37   | (((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or spm) same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4' or (low K))  | 687                        |
|                          | <i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> |  |                            |
| <input type="checkbox"/> | L36   | (((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or spm) same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4' or (low K))  | 25                         |
| <input type="checkbox"/> | L35   | (((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or spm) same clean\$3 same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4' or (low K))                                      | 3                          |
|                          | <i>DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ</i>      |  |                            |
| <input type="checkbox"/> | L34   | (((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or spm) same clean\$3 same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4' or (low K))                                      | 194                        |
| <input type="checkbox"/> | L33   | L31 same (via or open\$4 or channel or trench)   | 34                         |
| <input type="checkbox"/> | L32   | L31 same (via or open\$3 or channel)   | 22                         |
| <input type="checkbox"/> | L31   | (((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or spm) same clean\$3 same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4')   | 193                        |
| <input type="checkbox"/> | L30   | L24 same ((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2'))  | 46                         |
|                          | <i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> |  |                            |
| <input type="checkbox"/> | L29   | L25 and ((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or  | 4                          |

|                          |  |       |
|--------------------------|--|-------|
|                          | 'H.sub.2O.sub.2'))   |       |
| <input type="checkbox"/> | L28 L25 and (piranha or spm)<br><i>DB=JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>   | 0     |
| <input type="checkbox"/> | L27 L25 same (piranha or spm)  | 0     |
| <input type="checkbox"/> | L26 L25 same ((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2'))  | 3     |
| <input type="checkbox"/> | L25 (clean\$3 or remov\$3) same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4') same (open\$3 or via) same (conductive or metal or Ti or TiN) or damascene<br><i>DB=PGPB,USPT,USOC,EPAB; PLUR=YES; OP=ADJ</i> | 5083  |
| <input type="checkbox"/> | L24 (clean\$3 or remov\$3) same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4') same (open\$3 or via) same (conductive or metal or Ti or TiN) or damascene  | 25096 |
| <input type="checkbox"/> | L23 L19 same ((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2'))  | 38    |
| <input type="checkbox"/> | L22 L19 same ((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or SPM  | 7814  |
| <input type="checkbox"/> | L21 L19 same (sulfuric or 'H.sub.2SO.sub.4') same ((hydrogen peroxide) or 'H.sub.2O.sub.2') or piranha or SPM  | 7817  |
| <input type="checkbox"/> | L20 L19 and ((sulfuric or 'H.sub.2SO.sub.4') same ((hydrogen peroxide) or 'H.sub.2O.sub.2') or piranha or SPM)   | 522   |
| <input type="checkbox"/> | L19 ((clean\$3 or remov\$3) with (polymer or residue)) same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4') same (conductive or metal or Ti or TiN) or damascene  | 15424 |
| <input type="checkbox"/> | L18 L17<br><i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>   | 0     |
| <input type="checkbox"/> | L17 L16 and ((sulfuric or 'H.sub.2SO.sub.4') same ((hydrogen peroxide) or 'H.sub.2O.sub.2') or piranha or SPM)   | 1     |
| <input type="checkbox"/> | L16 ((clean\$3 or remov\$3) with (polymer or residue)) same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4') same (conductive or metal or Ti or TiN) or damascene  | 4095  |
| <input type="checkbox"/> | L15 L11 and (((sulfuric or 'H.sub.2SO.sub.4') same ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or SPM)   | 0     |
| <input type="checkbox"/> | L14 L11 and ((sulfuric or 'H.sub.2SO.sub.4') same ((hydrogen peroxide) or 'H.sub.2O.sub.2') or piranha or SPM)   | 0     |
| <input type="checkbox"/> | L13 L11 same ((sulfuric or 'H.sub.2SO.sub.4') same ((hydrogen peroxide) or 'H.sub.2O.sub.2') or piranha or SPM)  | 0     |
| <input type="checkbox"/> | L12 L11 same (((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2')) or piranha or SPM)  | 0     |
| <input type="checkbox"/> | L11 ((clean\$3 or remov\$3) with (polymer or residue)) same (dielectric or 'SiO.sub.2' or 'Si.sub.3N.sub.4') same (conductive or metal or Ti or TiN)   | 296   |
| <input type="checkbox"/> | L10 L7 same ((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2'))<br><i>DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ</i>   | 0     |
| <input type="checkbox"/> | L9 piranha   | 1421  |
| <input type="checkbox"/> | L8 L7 same ((sulfuric or 'H.sub.2SO.sub.4') with ((hydrogen peroxide) or 'H.sub.2O.sub.2'))  | 10    |
| <input type="checkbox"/> | L7 ((clean\$3 or remov\$3) with (polymer or residue)) same (dielectric or  | 2294  |

|                          |   |     |
|--------------------------|---|-----|
|                          | 'SiO.sub.2') same (conductive or metal or Ti or TiN)  |     |
| <input type="checkbox"/> | L6 L2 and (((clean\$3 or etch\$3) with (polymer or residue)) same (dielectric or 'SiO.sub.2') same (conductive or metal or Ti or TiN) ) | 3   |
| <input type="checkbox"/> | L5 L2 and ((clean\$3 or etch\$3) same (dielectric or 'SiO.sub.2') same (conductive or metal or Ti or TiN))                              | 23  |
| <input type="checkbox"/> | L4 L2 and ((clean\$3 or etch\$3) same (dielectric or 'SiO.sub.2'))  | 30  |
| <input type="checkbox"/> | L3 L2 and ((clean\$3 or etch\$3) same dielectric)   | 29  |
| <input type="checkbox"/> | L2 daubenspeck\$.in.  | 118 |
|                          | <i>DB=PGPB; PLUR=YES; OP=ADJ</i>  |     |
| <input type="checkbox"/> | L1 20020045332  | 1   |

END OF SEARCH HISTORY